



# FILTER DESIGN CRITERIA

Curtis has the capability to modify any of our standard filters or to work with you from design to delivery on a completely custom filter to meet your exact mechanical and electrical requirements. Please fill in the information below to help us get started.

## Information We Need From You

Date: \_\_\_\_\_

### Contact Information

Company: \_\_\_\_\_  
 Address, City, State, ZIP: \_\_\_\_\_  
 Contact Name: \_\_\_\_\_ Contact Phone: \_\_\_\_\_  
 Contact e-mail: \_\_\_\_\_ Contact Fax: \_\_\_\_\_

### Product Information

Customer End Product: \_\_\_\_\_  
 New Program      Existing Filter Manufacturer & competitive part numbers (if applicable)  
 Existing Program  
 EAU: \_\_\_\_\_ Target Price: \_\_\_\_\_  
 Samples Required?     Yes     No      Qty: \_\_\_\_\_ Date Reqd.: \_\_\_\_\_

### Filter Specifications

Electrical Connection:     Single Phase     3-Phase Wye     3-Phase Delta     DC  
 Voltage Rating (Volts): \_\_\_\_\_  AC     DC      Ambient Temperature (C°): \_\_\_\_\_  
 Current Rating (Amps): \_\_\_\_\_      Leakage Current (mA): \_\_\_\_\_  
 Filter Dimensional Requirements (L x W x D): \_\_\_\_\_

#### Terminals:

Input:     Q.C.'s     Wire Leads     Studs     Connector     PE Module     \_\_\_\_\_  
 Output:     Q.C.'s     Wire Leads     Studs     Connector     PE Module     \_\_\_\_\_

#### Filter Performance Requirements

Frequency (MHz):	.01	.15	.3	.5	1	5	10	15	20	30	100	1000
Common Mode (dB):	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
Differential Mode (dB):	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

Are EMI plots of end product available with/without filter?     Yes     No

#### Safety Agency Requirements:

UL 1283 (EMI Filter)       TUV/VDE EN60939       CSA C22.2 No. 8       CE  
 UL 60601 (Medical)       TUV/VDE EN60601       Other: \_\_\_\_\_       None  
 UL 60950 (IT Equipment)       TUV/VDE EN60950       Other: \_\_\_\_\_

### Material Compliance Requirements

RoHS     REACH     Conflict-Free Minerals     Sn/Pb Solder & Plating **REQUIRED**     Other: \_\_\_\_\_

### Additional Information: